



AweSTEM

<https://msudenver.edu/advanced-stem-education/awestem>

SI 1009

- Biology
- Chemistry
- Environmental Science
- Math
- Physics
- Writing

Tutoring began Monday, January 26th by CASE in The Learning Centers SI 1009 and AES 438

Center Hours:
Monday - Friday
7:00 a.m. - 7:00 p.m.

We have **tutors** available to assist students in:

AES 438

- Aerospace
- Chemistry
- Computer Science
- Engineering
- Math
- Physics
- Writing

Courses Tutored:



<https://tinyurl.com/29bdudnj>

Tutoring Schedule:
<https://www.msudenver.edu/advanced-stem-education/stem-tutoring/>



CASE STUDENT WORKSHOPS

Navigating Excel with Dr. Rajan

**Thursday, February 12
5:00 p.m. - 6:30 p.m.**

Learn about:

- Excel Functions
- Equations
- Data Visualization with Graphs
- ...and More

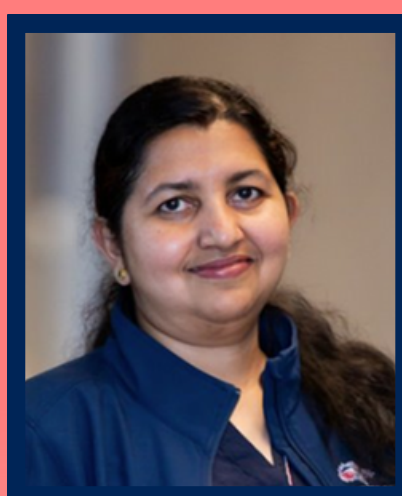
RSVP to Excel Workshop



<https://tinyurl.com/2y8n68ta>

CASE IN POINT

Past CASE In Points



Dr. Ranjidha Rajan

Assistant Professor Computer Science

Dr. Rajan specializes in data science, AI in education, and learning analytics. Her work focuses on using generative AI, deep learning, and data visualization to support teaching, research, and inclusive, data-informed learning environments.

Dr. Rajan is the Chair for the MSU Denver Women in STEM program, and a Faculty Advisor for Girls Who Code. She also a recent recipient of the Soar Award for advancing STEM participation and student research.

She will be hosting CASE's first student workshop this Spring, Navigating Excel, on Thursday, February 12th, 5:00 p.m. - 6:30 p.m.

CASE in Point is our way of showcasing achievements (large and small) by our students, faculty, and staff each month.

[Nominate a Student - Faculty Member - A Team](#)

STUDENTS!

MSU Denver has STEM SCHOLARSHIPS THAT NEED APPLICANTS

[Look up the details of the Scholarships](#)



<https://tinyurl.com/3yznz5xy>

- Aerospace
- Aviation
- Biology
- Chemistry
- Civil Engineering
- Construction Management
- Earth and Atmospheric Science
- Engineering
- Industrial Design
- Mathematics
- Mathematics Education
- Meteorology
- Psychology
- Health Related Careers
- Low Income Gls
- Native American Students
- Science
- Single Parents
- Student emancipated out of foster youth, kinship care, orphan or ward of the court
- Students enrolled at the Colorado Center for Medical Laboratory Science at MSU Denver
- Students interested in Water and Environment
- Students readmitted to MSU Denver to complete their bachelors degree
- Students struggling with a disability
- Students who have a history of giving back
- Travel Scholarship



In CASE you didn't know.....

Vitamin D is less like a typical vitamin and more like a multitasking hormone your body makes and then uses to run important systems. Its most famous job is helping your intestines absorb calcium and phosphorus, which keeps bones and teeth strong. Without sufficient vitamin D, the body only absorbs 10% to 15% of dietary calcium! You can get vitamin D from foods like fatty fish, egg yolks, and fortified milk, orange juices or cereals (often fortified with both calcium and vitamin D), but for most people, **sunlight is the main source**. When your skin is exposed to ultraviolet B (UVB) radiation from sunlight, a cholesterol-derived molecule in your skin is converted into vitamin D₃*, which is then chemically modified by the liver and kidneys into its active form.

So why is vitamin D deficiency so common? Physics and geography are partly to blame. At higher latitudes (farther from the equator), the sun's rays hit Earth at a lower angle, especially in winter, which means less UVB reaches your skin—even on sunny days. Add shorter daylight hours, colder weather that encourages more clothing, and more time indoors, and vitamin D production can drop dramatically. Sunscreen adds another layer (literally): while it's essential for preventing skin cancer, sunscreen blocks UVB radiation, which also blocks vitamin D synthesis. The result is a tricky biological trade-off between protecting your DNA and making a molecule your bones and immune system rely on. In short, vitamin D sits at the intersection of biochemistry, environmental physics, and human behavior—proof that even a "simple" nutrient is shaped by where you live, how you live, and the chemistry happening in your own skin.

*What's the difference between vitamin D and D₃? See: <https://health.clevelandclinic.org/vitamin-d-vs-d3>



CASE Events

STEM Tutoring
Monday - Friday
7:00 a.m. - 7:00 p.m.

[Schedule](#)

Student Workshop

How to Navigate Excel

**Thursday
February 12
5:00 p.m. - 6:30 p.m.
Science 1115**

[RSVP to Workshop](#)

Faculty Mixer

February Faculty Mixers

**Friday, February 20th
3:00 p.m. - 5:00 p.m.
Tivoli Quad Side Tavern**

[RSVP to Faculty Mixer](#)

Student Workshop

How to Communicate Scientific Data

**Wednesday
April 8
5:00 p.m. - 6:30 p.m.
Science 1115**

[RSVP to Workshop](#)

CASE Steering Committee Meetings

**Friday, January 30th
3:00 p.m. - 4:00 p.m.
Virtual**

Upcoming: TBA

Faculty Mixers

**Thursday, March 12th
10:00 a.m. - 11:30 a.m.**

**Friday, April 3rd
3:00 p.m. - 5:00 p.m.**

[RSVP to Faculty Mixer](#)

CASE Student Advisory Board Meetings

**Wednesday, February 4th
11:00 a.m. - 12:00 p.m.**

**Wednesday, March 4th
11:00 a.m. - 12:00 p.m.**

**Wednesday, April 1st
11:00 a.m. - 12:00 p.m.**

**Wednesday, May 6th
11:00 a.m. - 12:00 p.m.**

Would you like to collaborate with CASE on an event?



<https://tinyurl.com/bd58dwdp>

[Spring Semester CASE Events](#)

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